

Lillian Jensen, MPH

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PROFESSIONAL EXPERIENCE

CSTE Applied Epidemiology Fellow

July 2024 – Present

Michigan Department of Health and Human Services

- Led a comprehensive evaluation of the wastewater monitoring system in Michigan.
- Improved the actionability of wastewater monitoring in Michigan by developing a data aggregation metric to improve the accessibility of the states wastewater data dashboard.

Surveillance Analyst

Dec. 2023 – July 2024

Kent County Health Department (Privately Contracted)

- Evaluated and improved surveillance data reporting procedures in collaboration with the county Communicable Disease Epidemiologist.
- Provided data dashboard engineering and support services to enhance surveillance data dissemination in the community.

Surveillance Intern

Apr. 2023 – Sept. 2023

Kent County Health Department

- Led a Quality Improvement initiative to modernize surveillance data sharing.
- Increased report-building efficiency by 94% through the engineering of an automated data management tool.
- Designed an interactive and intuitive data dashboard to promote the efficacy of surveillance data reporting.
- Conducted disease surveillance case investigations via phone interviews and case charting.

TECHNICAL SKILLS

- | | | |
|--------------------|--------------|--------------------|
| - Python | - PowerBI | - Microsoft Office |
| - Jupyter Notebook | - Tableau | - Clipchamp |
| - R | - SQL | - Photoshop |
| - RStudio | - Git/GitHub | - Mailchimp |

EDUCATION

Master of Public Health - Epidemiology

Michigan State University

April 2024

Bachelor of Science - Microbiology

Michigan State University

May 2014

PROFESSIONAL CERTIFICATES

Project Management

Grow with Google X Coursera

Dec. 2024

Advanced Data Analytics

Grow with Google X Coursera

Aug. 2023

Business Intelligence

Grow with Google X Coursera

Aug. 2023

Data Analytics

Grow with Google X Coursera

May 2023

Data Science

IBM Skills Network X Coursera

Oct. 2022

LEADERSHIP

Elected Executive Student Representative

Feb. 2023 – Aug. 2023

MSU Charles Stewart Mott Department of Public Health Executive Committee

Managing Editor

Nov. 2022 – Aug. 2023

MSU C. S. Mott Department of Public Health

- Coordinated the production of the MPH student newsletter
- Increased readership by 15% through analytics-driven changes in newsletter design

PUBLICATIONS / PRESENTATIONS

Jensen, L. (2024). Practice Networking Panel Discussion [invited panelist]. RVPHTC Practicing Public Health in Region V Community of Practice.

Jensen, L. (2022). Climate Change: A Ticking Lyme Bomb [poster presentation]. APHA 2022 Annual Meeting & Expo. <https://LillianJensen.com/apha-poster/>

MEMBERSHIPS / AFFILIATIONS

- American Public Health Association, Volunteer Abstract Reviewer
- Council of State and Territorial Epidemiologists
- National Society of Collegiate Scholars, Alumni Member
- Blissfest Music Organization, Volunteer